

**In the Claims:**

1. (previously presented) A process of sending packets of voice information comprising:

A. initially generating at a sender the packets of voice information, the packets of voice information including source packets with ~~a~~ an initial source rate greater than zero kilobits per second, and ~~a~~ diversity packets with an initial diversity rate, the initial diversity rate being at least zero kilobits per second;

B. sending the packets, thereby resulting in a quality of service QoS;

C. comparing the QoS with a threshold of acceptability; ~~and~~

D. when the QoS is on an unacceptable side of the threshold, increasing the diversity rate; and

E. when the QoS returns to an acceptable side of the threshold, increasing the source rate.

2-280. (canceled)

281. (previously presented) The process of claim 1 including generating a report of quality of service at a receiver and sending the report of quality of service to the sender.

282. (previously presented) The process of claim 1 wherein the comparing step includes comparing the quality of service with a threshold of acceptability at the sender.

283. (previously presented) The process of claim 1 including generating a report of quality of service at a receiver, wherein the comparing step includes comparing the quality of service with a threshold of acceptability at the receiver.

284. (previously presented) The process of claim 1 wherein the comparing step includes comparing the quality of service with a threshold of acceptability at the receiver.

285. (previously presented) The process of claim 1 in which sending the packets includes sending the diversity packets as time-diversity packets.

286. (previously presented) The process of claim 1 in which sending the packets includes sending the diversity packets as media-specific time-diversity packets.

287. (previously presented) The process of claim 1 in which sending the packets includes sending the diversity packets as forward error correction time-diversity packets.

288. (previously presented) The process of claim 1 in which sending the packets includes sending the diversity packets as multiple description coding time-diversity packets.

289. (previously presented) The process of claim 1 in which sending the packets includes sending the diversity packets as multiple description data partitioning time-diversity packets.

290. (previously presented) The process of claim 1 in which sending the packets includes sending the diversity packets as path-diversity packets.

291. (previously presented) The process of claim 1 in which sending the packets includes sending the diversity packets with combined time-and-path diversity.

292. (previously presented) The process of claim 1 in which the comparing is executed at a receiver computer, and in

which the sending packets includes sending the diversity packets with combined time-and-path diversity.

293. (previously presented) The process of claim 1 in which the diversity packets include path diversity packets.

294. (previously presented) The process of claim 1 further including sending the packets for packet broadcasting to multiple destinations.